

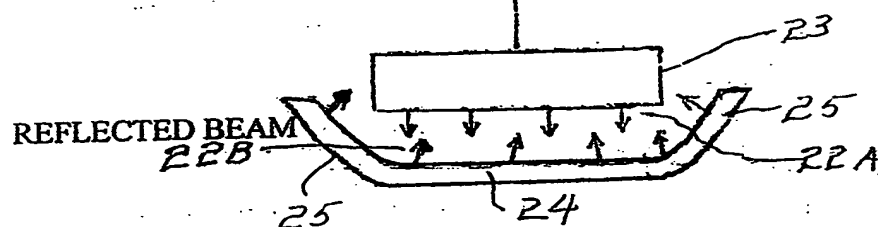
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Fig. 1

X-RAY TUBE

X-RAY BEAM

REFLECTED BEAM



A Dose Distribution in a Water Phantom  
Irradiated by a 160 KV X-ray Tube

	WITHOUT REFLECTOR	10cm BORON CARBIDE REFLECTOR
TOP SURFACE PHANTOM	100%	100%
MIDDLE OF PHANTOM	76%	90%
BOTTOM SURFACE OF PHANTOM	49%	70%

Fig 2

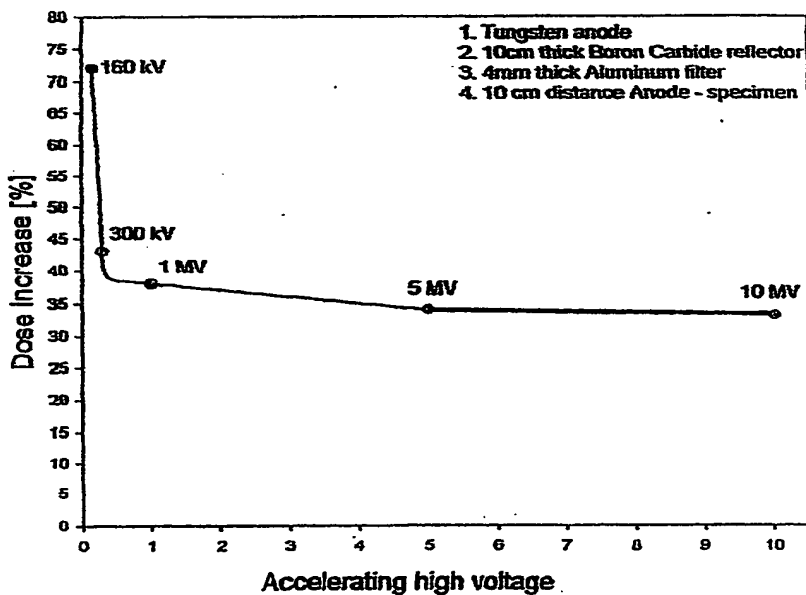


Fig 3

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Fig 4

		Distance 8"	Distance 9"	Distance 10"	Distance 11"	Distance 12"	Distance 14"	Distance 16"
Base Ratio	5cm	1.32	1.22	1.21	1.17	1.22	1.23	1.21
Top/Bottom	Boron							
1cm water layers	Carbide							
	10cm	1.30	1.21	1.21	1.17	1.18	1.22	1.20
	Boron							
	Carbide							
Base Ratio	5cm	0.76	0.82	0.83	0.85	0.82	0.81	0.82
Bottom/Top	Boron							
1cm water layers	Carbide							
	10cm	0.77	0.82	0.82	0.85	0.85	0.81	0.83
	Boron							
	Carbide							

